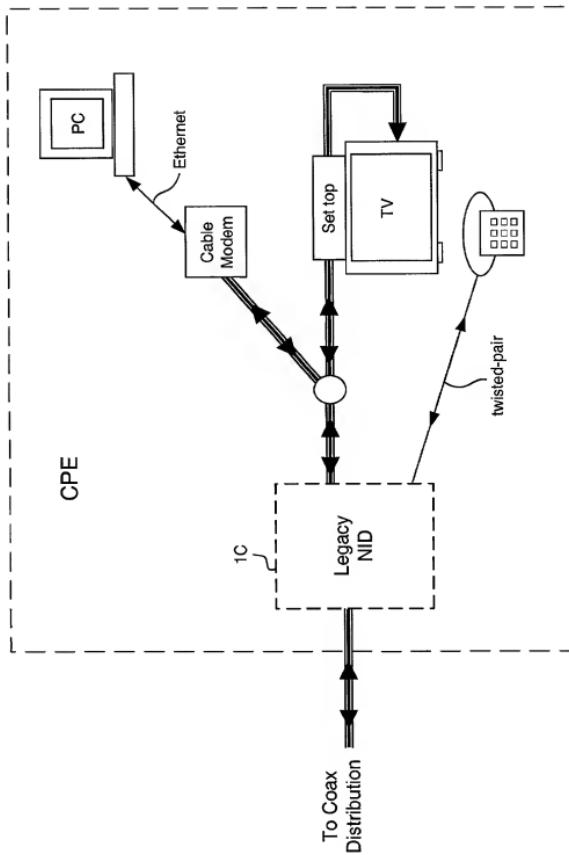
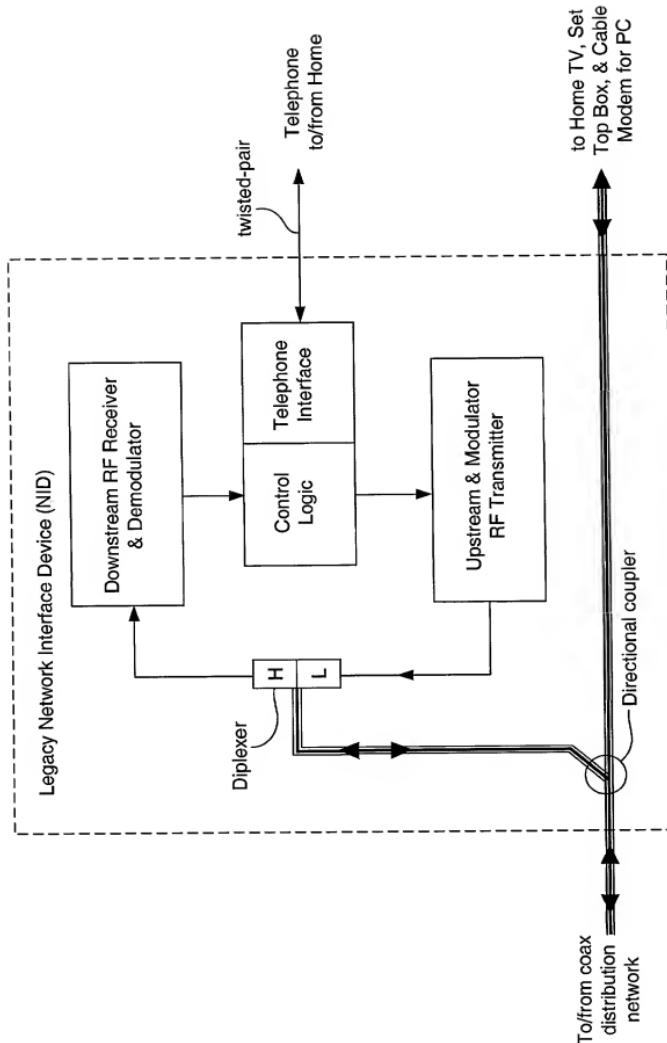


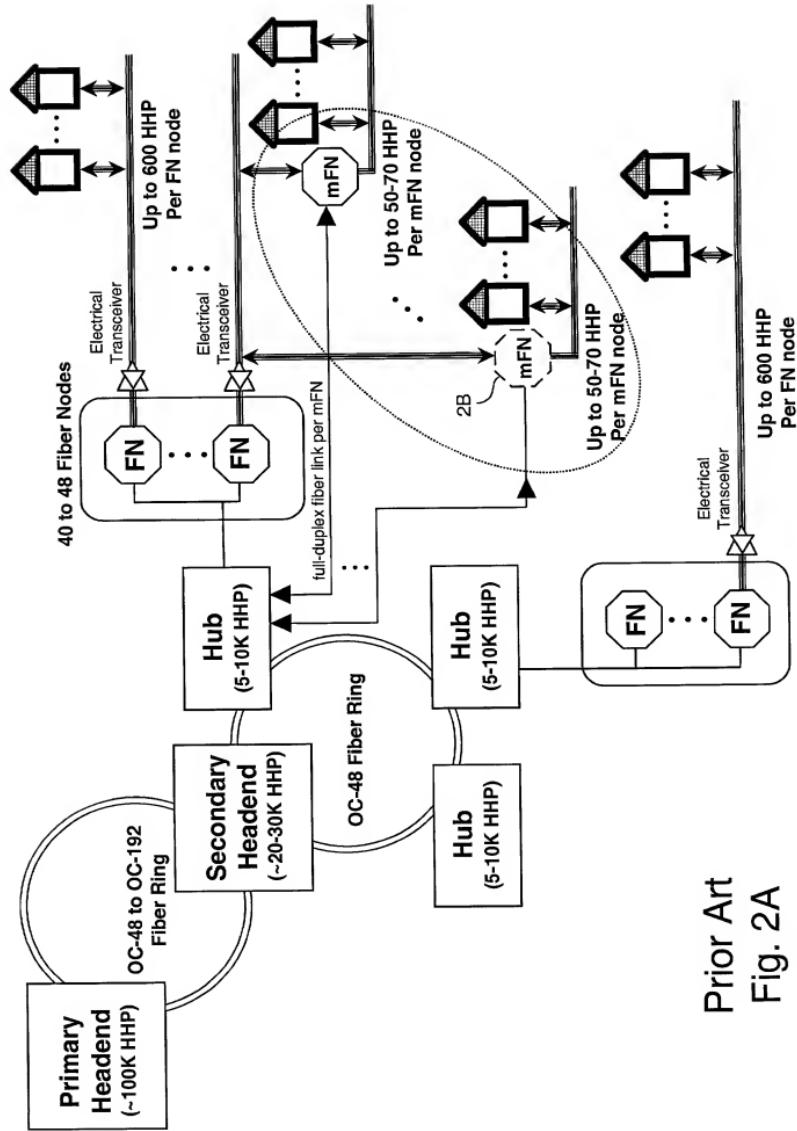
Prior Art  
Fig. 1A



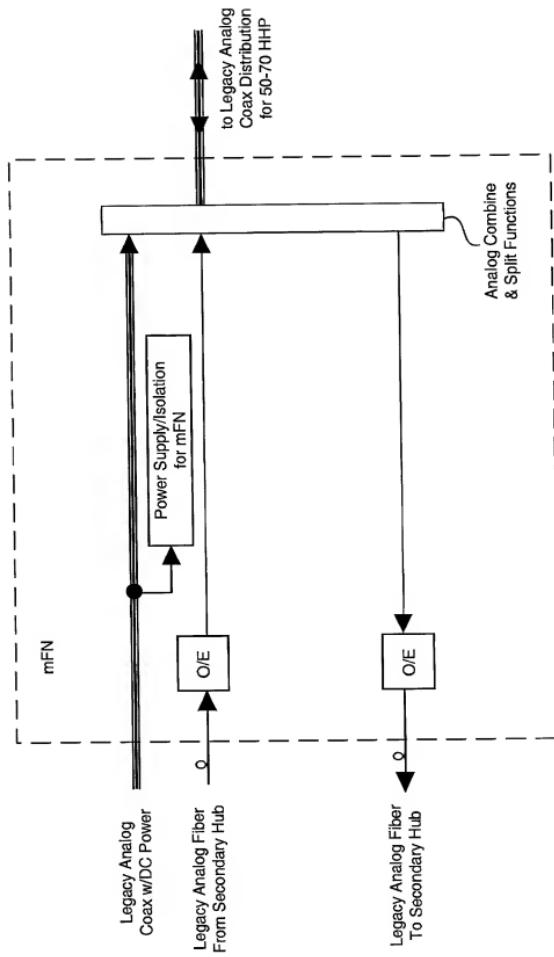
Prior Art  
Fig. 1B



Prior Art  
Fig. 1C



TM120T-BLUE-EOT



Prior Art  
Fig. 2B

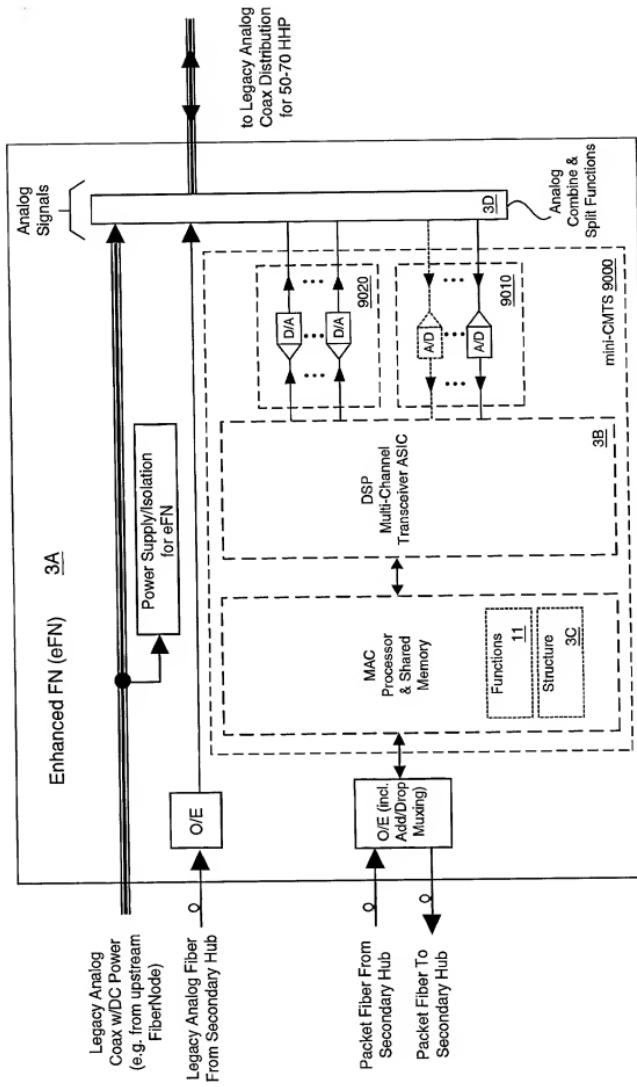


Fig. 3A

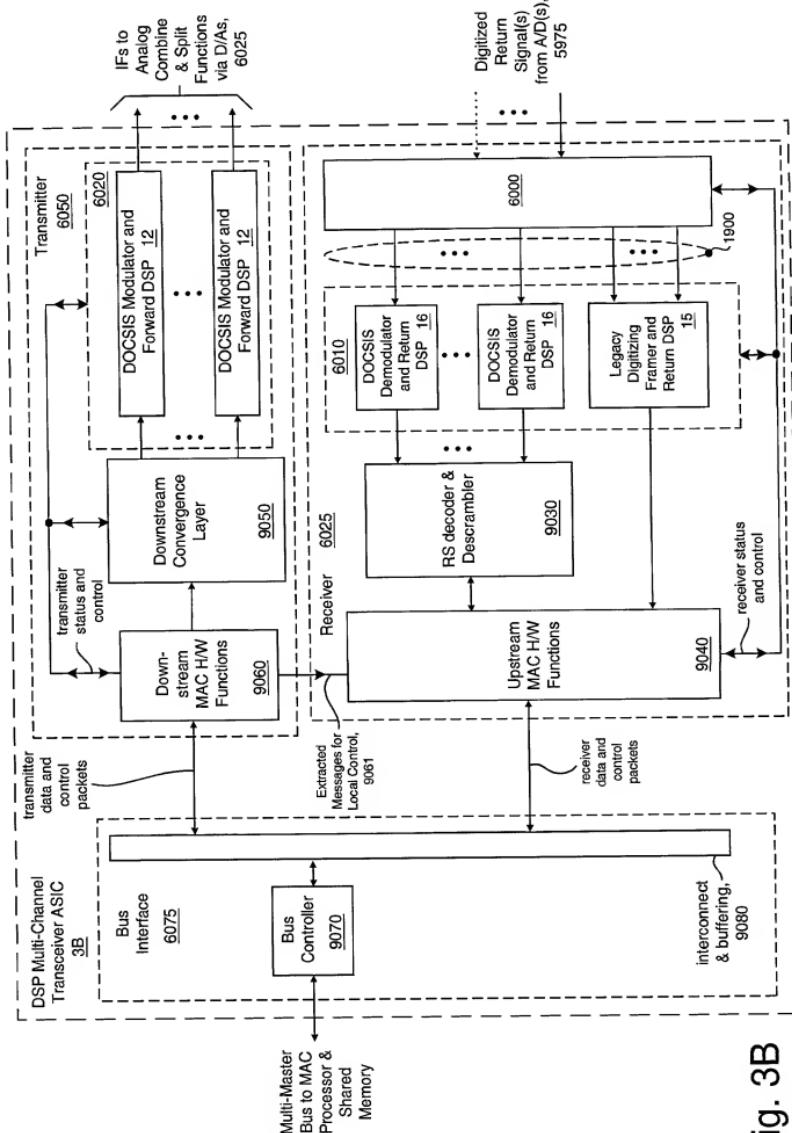


Fig. 3B

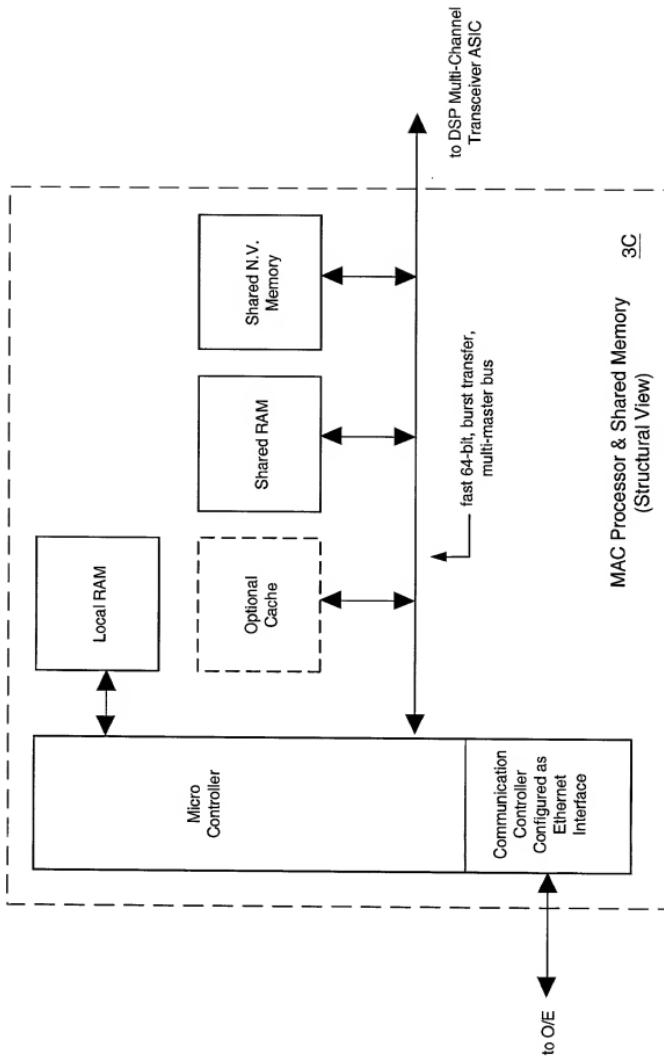


Fig. 3C

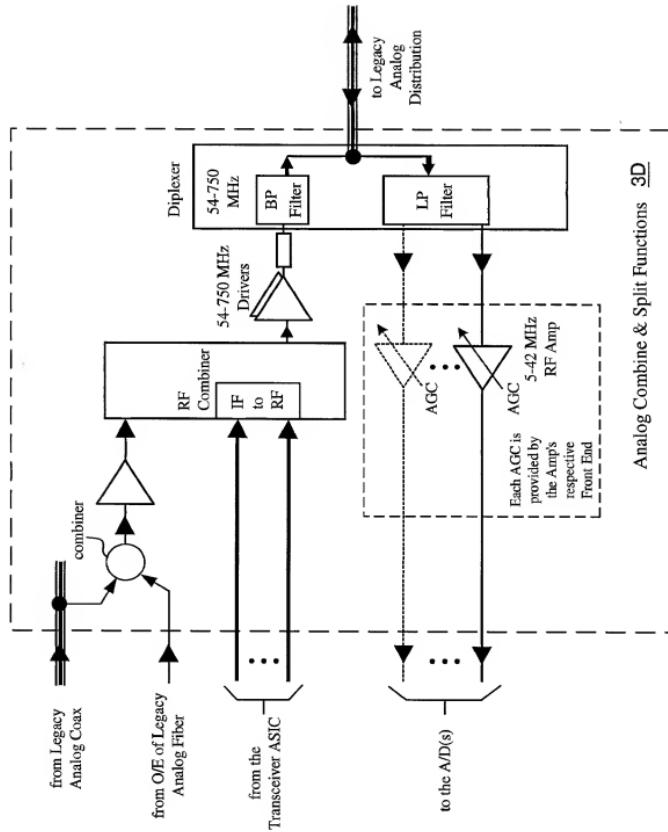
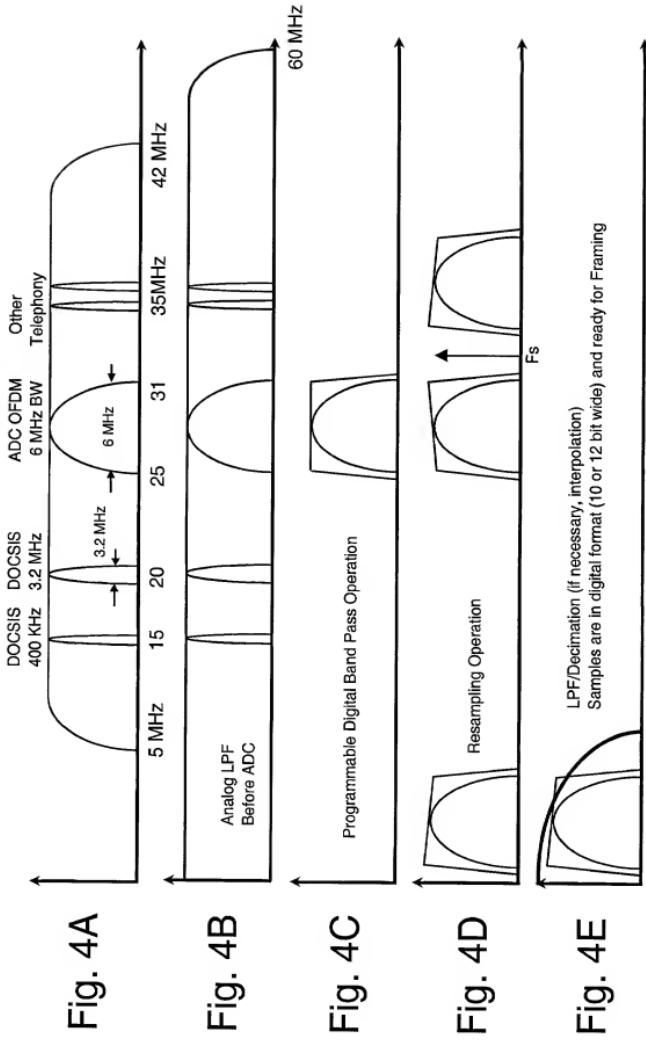


Fig. 3D

Analog Combine &amp; Split Functions 3D



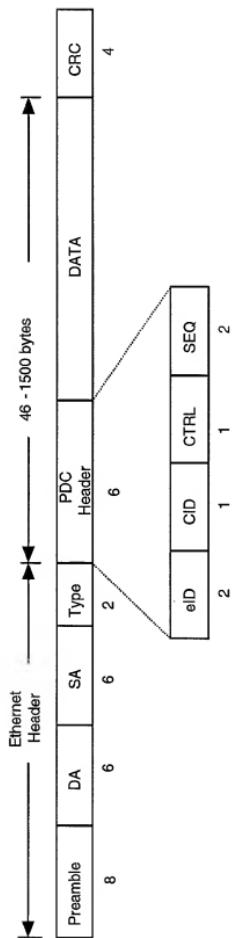
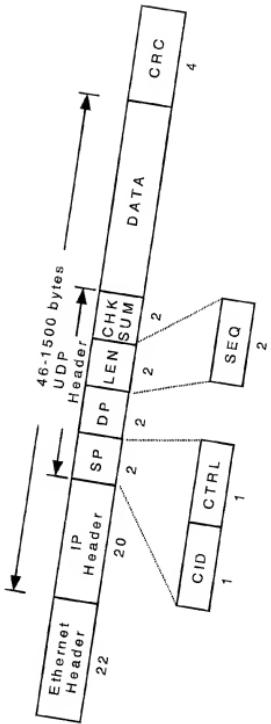


Fig. 5

Fig. 6



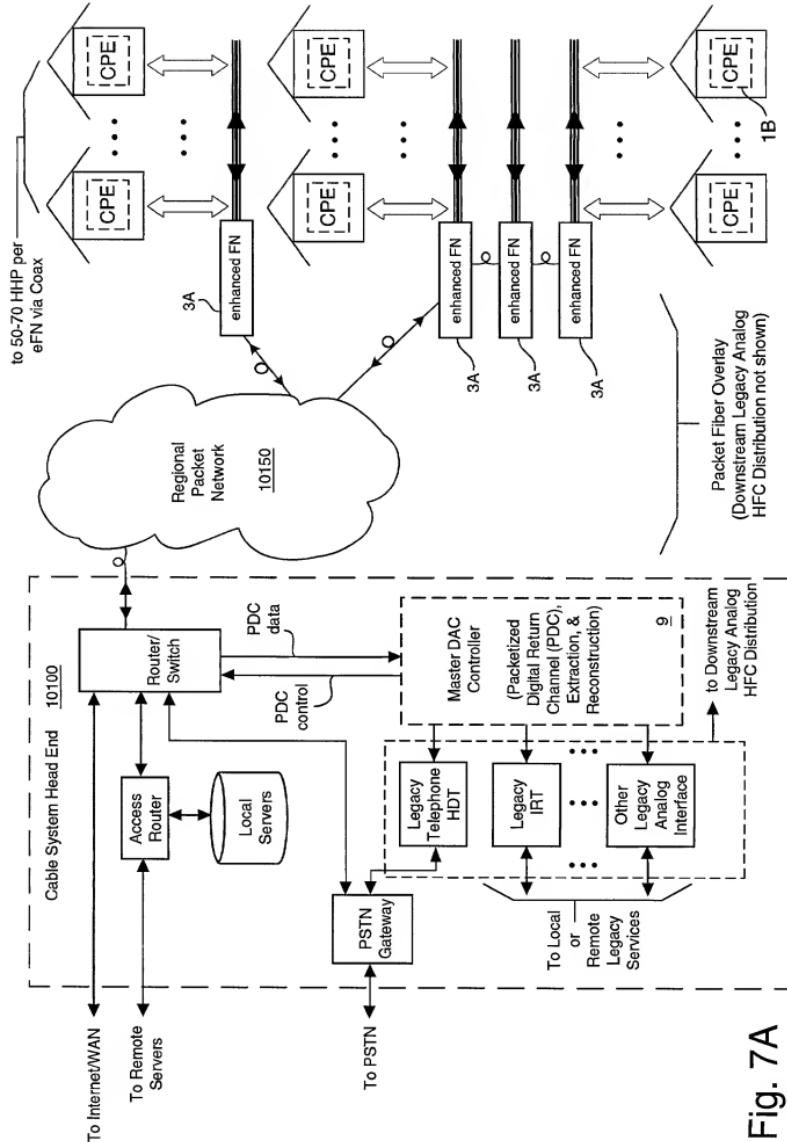


Fig. 7A

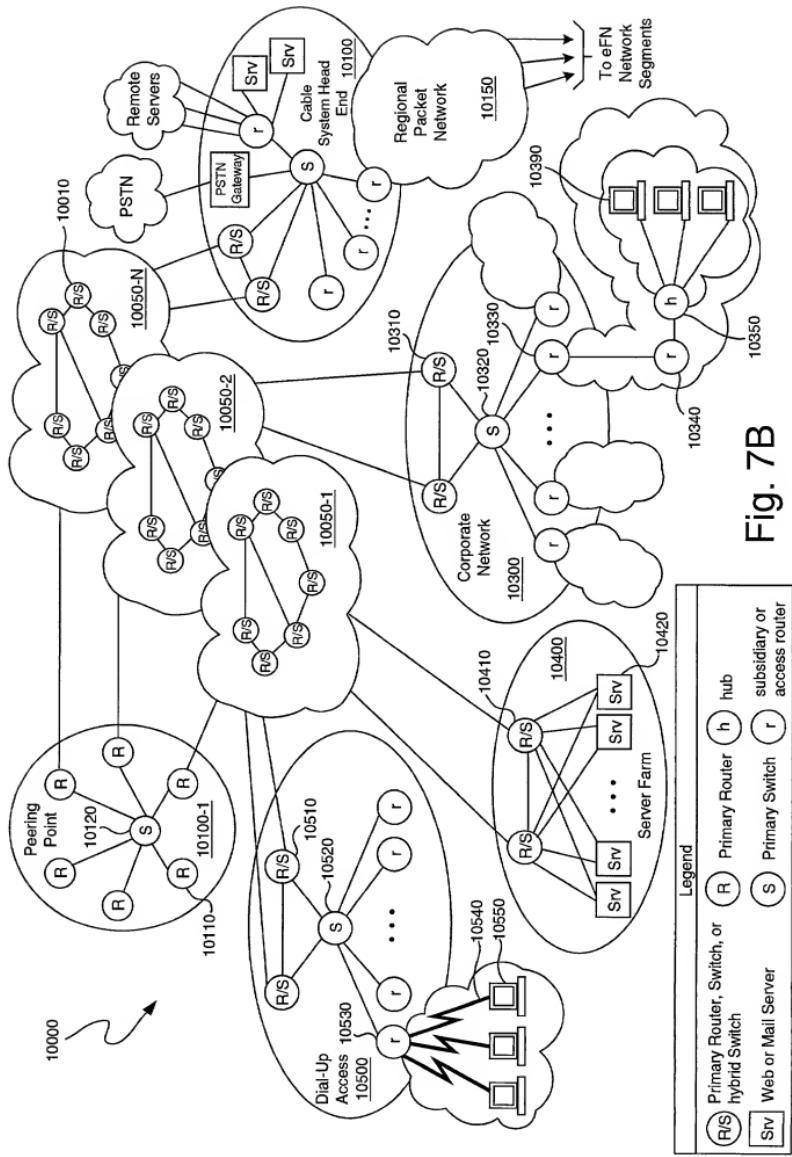


Fig. 7B

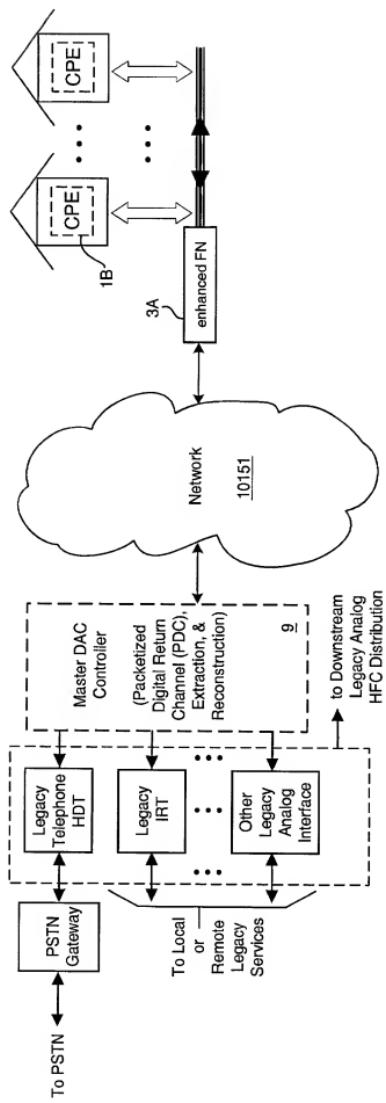
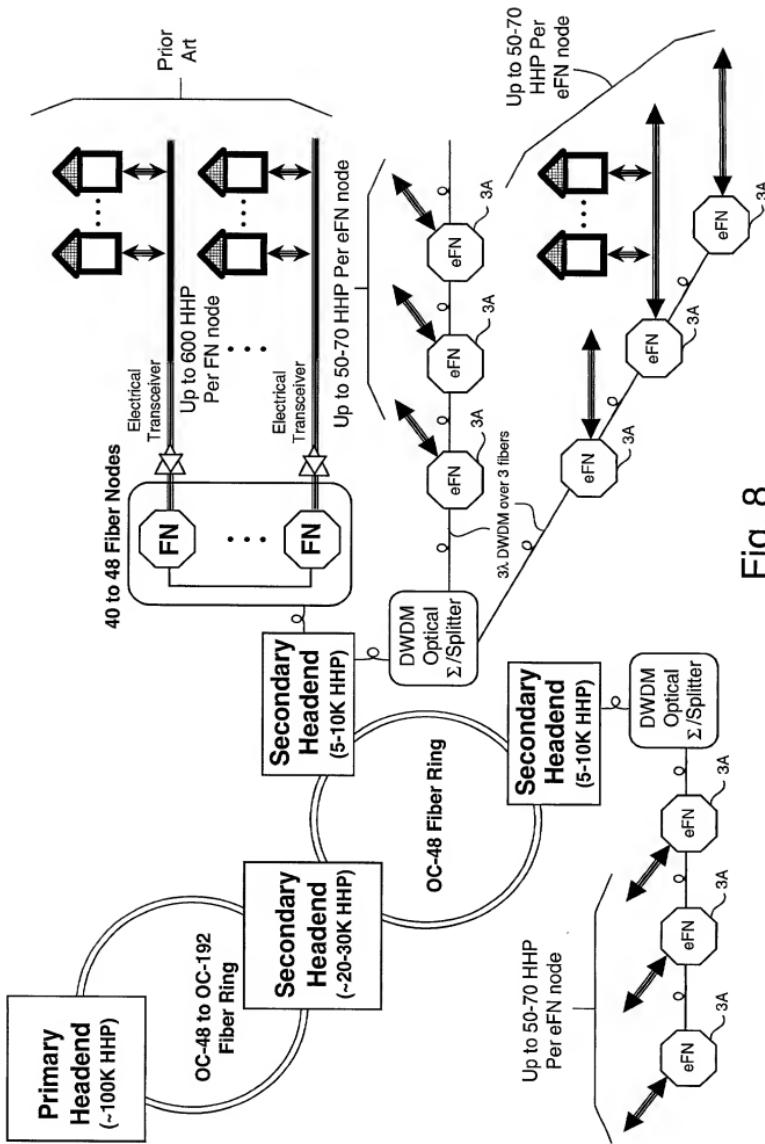


Fig. 7C

8  
Fig



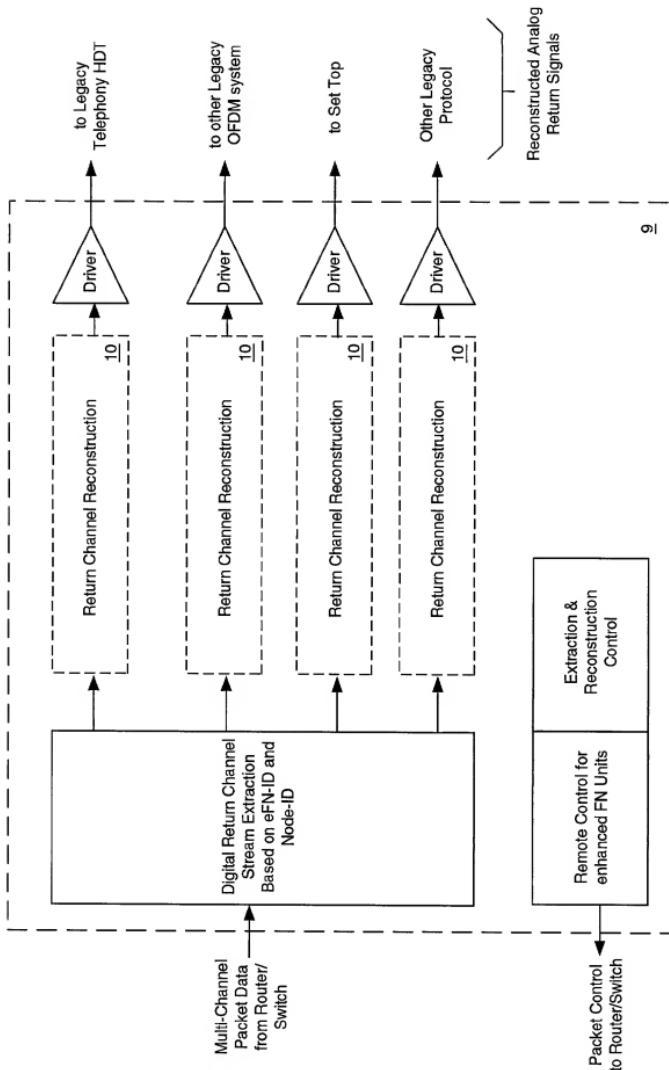
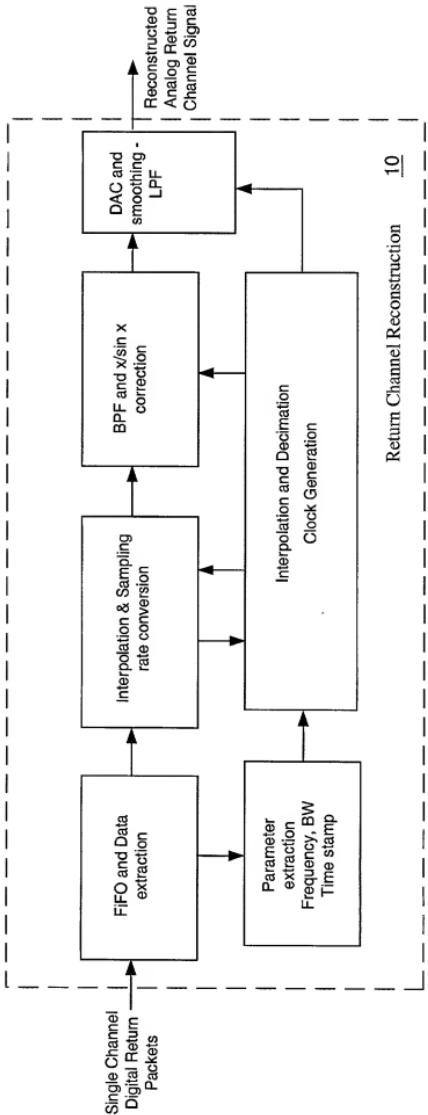
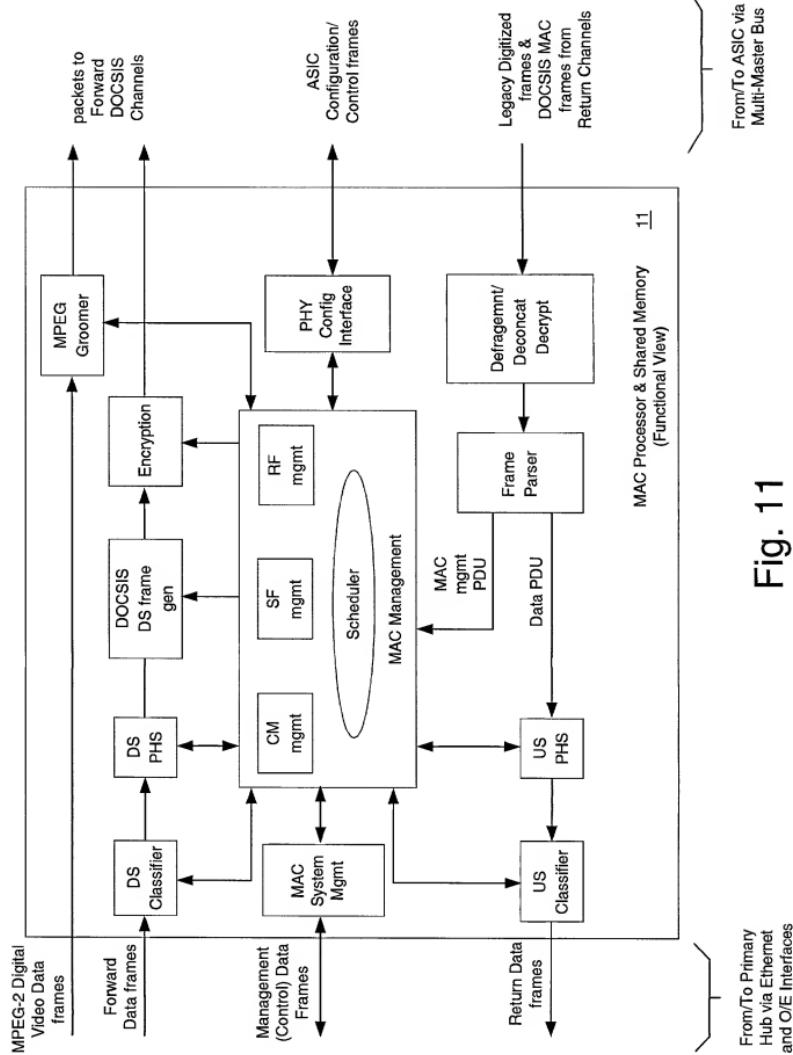


Fig. 9

**Fig. 10**



## TUNING IN THE DVB-S



**Fig. 11**

From/To Primary  
Hub via Ethernet  
and O/E Interfaces

MAC Processor & Shared Memory  
(Functional View)

11

Legacy Digitized  
Frames &  
DCCSIS MAC  
frames from  
Return Channels

Configuration/  
Control frames

ASIC  
Configuration/  
Control frames

packets to  
Forward  
DC/DCSIS  
Channels

MPEG-2 Digital  
Video Data  
frames

Forward  
Data frames

Management  
(Control) Data  
Frames

Return Data  
frames

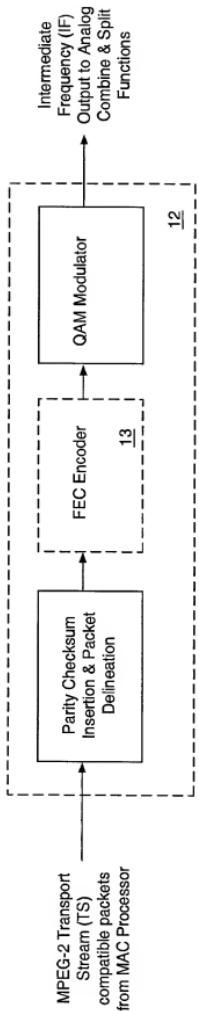


Fig. 12

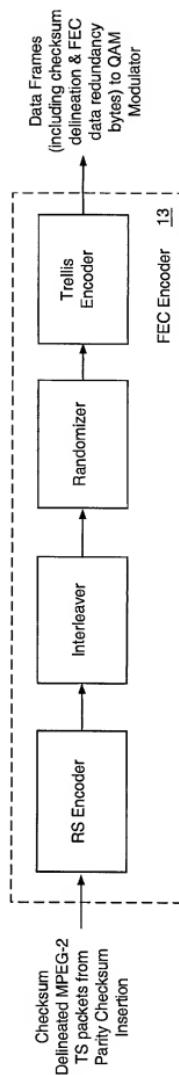


Fig. 13

# TOHOT™ SLEEK™

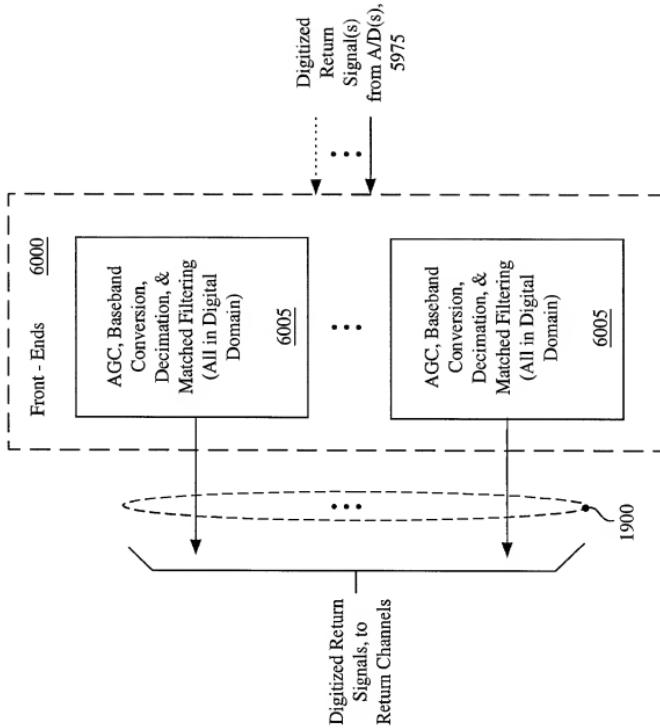


Fig. 14

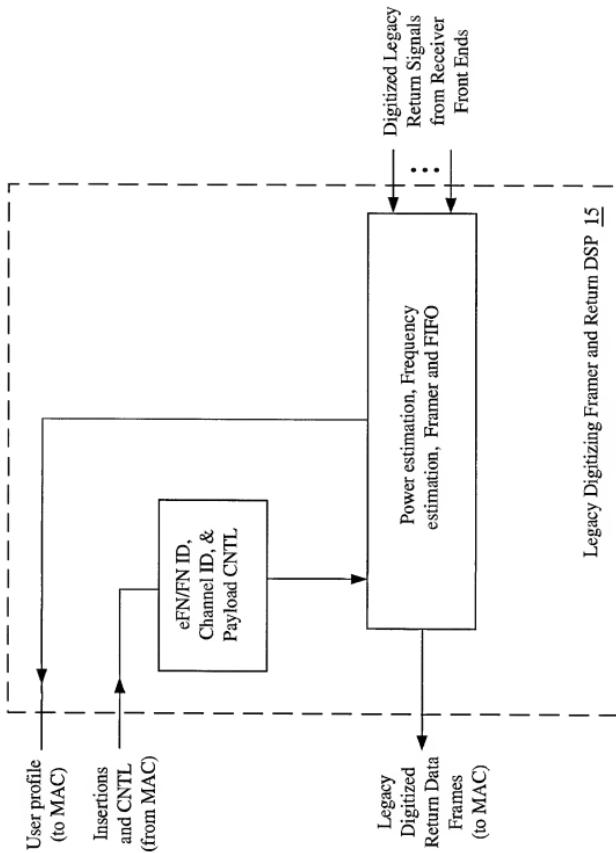


Fig. 15

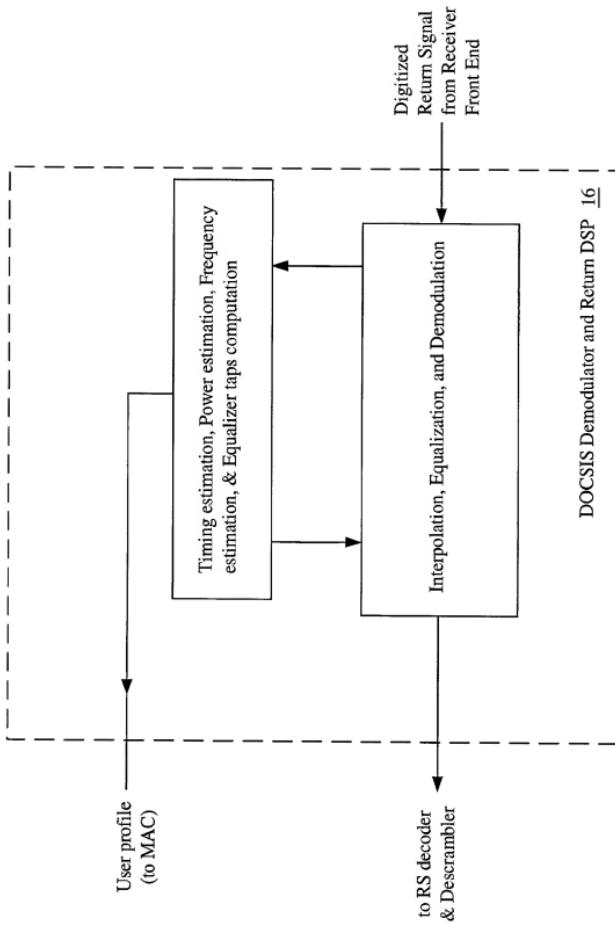


Fig. 16